ATTORNEY'S DOCKET NUMBER FORM PTO-1390 (Modified) (REV. 07-2004) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE 004974.01054 TRANSMITTAL LETTER TO THE UNITED STATES U.S. APPLICATION NO. (If known, see 37 CFR 1.5) DESIGNATED/ELECTED OFFICE (DO/EO/US) **TBA** CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED 27 March 2002 20 March 2003 PCT/EP2003/002902 TITLE OF INVENTION Human BMP-2 Inducible Kinase (as amended) APPLICANT(S) FOR DO/EO/US LIOU, Jiing-Ren Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 2. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), \boxtimes 3. (6), (9) and (24) indicated below. The US has been elected (Article 31). 4. \bowtie A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) 5. a. 🗆 is attached hereto (required only if not communicated by the International Bureau). b. ⊠ has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). c. 🗆 An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). 6. a. 🗆 is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). b. 🗆 Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) are attached hereto (required only if not communicated by the International Bureau). b. 🗆 have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. c. 🗆 have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 8. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 9. An English language translation of the annexes to the International Preliminary Examination Report under PCT 10. Article 36 (35 U.S.C. 371 (c)(5)). A copy of the International Preliminary Examination Report (PCT/IPEA/409). Ή 11. \boxtimes A copy of the International Search Report (PCT/ISA/210). 12. Items 13 to 23 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 13. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 14. 15. \boxtimes A FIRST preliminary amendment. A SECOND or SUBSEQUENT preliminary amendment. 16. 17. A substitute specification. A power of attorney and/or change of address letter. 18. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 19. \boxtimes A second copy of the published International Application under 35 U.S.C. 154(d)(4). 20. A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 21. Express Mail Label No. 22. 23. Other items or information: Form PTO-1449, CRF Transmittal letter, Form 1B/306 and ADS

U.S. APPLICAT	TONATO (if known, see 37 CFR 2)	INTERNATIONAL APPLICATION NO. PCT/EP2003/002902			004974.01054		
24. Th	e following fees are submitted:.				CALCULATION	S PTO USE ONLY	
BASIC NATIO	ONAL FEE (37 CFR 1.492(a)(1)-(5)) international preliminary examination ional search fee (37 CFR 1.445(a)(2)) ernational Search Report not prepared	fee (37 CFR 1.482) nor paid to USPTO		\$1080.00			
 ✓ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO							
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO							
☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)							
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)					<u> </u>	<u> </u>	
ENTER APPROPRIATE BASIC FEE AMOUNT =					\$920.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					\$0.00	,	
CLAIMS NUMBER FILED		NUMBER EXTRA					
Total claims	39 - 20 =	19	X	\$18.00	\$342.00		
Independent cla		0	х	\$86.00	\$0.00		
Multiple Deper	ndent Claims (check if applicable)	ADOVE CALCIU AT	10	US =	\$0.00 \$1,262.00		
TOTAL OF ABOVE CALCULATIONS = Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					\$0.00		
SUBTOTAL =					\$1,262.00		
Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)). +					\$0.00		
		TOTAL NATIONAL	LFF	EE =	\$1,262.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).					\$0.00		
TOTAL FEES ENCLOSED =					\$1,262.00		
					Amount to be: refunded	\$	
					charged	\$	
b. ⊠ c. ⊠ d. □	A check in the amount of Please charge my Deposit Account No. The Director is hereby authorized to to Deposit Account No. 19-0733 Fees are to be charged to a credit card information should not be included	charge any additional fees which 3 I. WARNING: Information on	ount on the base of the base o	be required	or credit any overpa	card	
NOTE: Where 1.137(a) or (b)	e an appropriate time limit under 3') must be filed and granted to restor	7 CFR 1.494 or 1.495 has not re the International Application	been on to	met, a petiti pending sta	on to revive (37 CF tus.	TR .	
SEND ALL CORRESPONDENCE TO:				Lucally	Heaves diege		
Banner & Witcoff, Ltd. Customer No.: 22907				SIGNATURE			
				Lisa M. Hemmendinger			
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